

## Purchase Order Receipt Listing

Tuesday, January 12, 2016 3:45:57 PM

[illegible]



O'Neal High-Performance Metals Group



**Packing  
Slip**

ORDER NO.: 80754243 FROM: CHIC PAGE 1

CUST NUMBER: 1203820 NET WGT: 68.571 REQ.DATE: 01/12/16 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7

SALESPERSON: DONNA SMALLEY SHIP BY: 01/06/16  
TERMS: NET 30 DAYS VIA: COMMON CARRIER  
F.O.B.: SHIPPING POINT FREIGHT: PREPAID  
CUST ORD NO.: PO30871 RELEASE NO.:  
RECEIVING PHONE:

LINE	ITEM DESCRIPTION	WIDTH	LENGTH
0001	44129 D6061-T6 1-1/2 OD X .125 WA		12 FT ML

  

ORD QTY	INVOICE QTY	SHIPPED QTY	WT	PCS
108.000 FT	108.000 FT	108.000 FT	68.571	9

PART#: M6061T6T1.500W.125  
\*\* 1 TEST REPORTS REQUIRED \*\*  
\*\* 1 CERTS REQUIRED \*\*  
ECCN: EAR99 Export License: NLR Expiration Date: 0/00/00  
PO:49340533 HT:22654135 PC: 9 CUSTOMER QTY: UOM  
MLT:UNITED STATES MFG:UNITED STATES SLB/CL:1000542017

BROKERS KUEHNE AND NAGEL LTD

AREA		TYPE OF PKG	PKGS	GRS WEIGHT	WIDTH	LENGTH	HGHT
FF	REDDICRATE	1.000	100.000	8.0000	152.0000	7	

  

1.000	100.000
-------	---------

BY: CL  
RT 000-

UNLOAD TYPE: NONE SPECIFIED

DATE SHIPPED \_\_\_\_\_

DATE FILLED \_\_\_\_\_

**THANK YOU FOR THIS ORDER**

TERMS AND CONDITIONS APPLICABLE TO THE SALE OF THESE  
PRODUCTS ARE SET FORTH ON OUR WEBSITE FOR YOUR CAREFUL  
REVIEW.  
<http://www.twmetals.com/invoice-terms.html>



O'Neal High-Performance Metals Group



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Slip

ORDER NO.: 80754243

FROM: CHIC

PAGE 2

CUST NUMBER: 1203820 NET WGT: 68.571 REQ.DATE: 01/12/16 CONFIRMED  
SOLD TO: SHIP TO:  
DART AEROSPACE LTD DART AEROSPACE LTD  
1270 ABERDEEN ST 1270 ABERDEEN ST  
HAWKESBURY ON HAWKESBURY ON  
CANADA CN K6A 1K7 ONTARIO CANADA CN K6A 1K7  
  
SALESPERSON: DONNA SMALLEY SHIP BY: 01/06/16  
TERMS: NET 30 DAYS 235 TUBEWAY  
F.O.B.: SHIPPING POINT CAROL STREAM IL 60188  
CUST ORD NO.: PO30871  
VIA: COMMON CARRIER  
FREIGHT: PREPAID  
RELEASE NO.:  
RECEIVING PHONE:

"TW Metals MSDS data is available on our web site at [www.twmetals.com](http://www.twmetals.com). MSDS data can be found under the Technical Resources Tab, Product Statistics & Data and the TW Metals MSDS's heading. If you do not have web site access you may telephone 610-458-1300 and we will mail or fax a copy of our current MSDS data to your location."

"CERTIFICATE OF CONFORMANCE"

"TW Metals certifies that the material supplied on this purchase order and contained in the heat/lot number referenced above has been manufactured, inspected, and tested in accordance with the material specification. These records are on file at TW Metals. Packaging material for shipments to Europe and China consists of manufactured wood products and complies with the European emergency measures for coniferous non-manufactured wood packing material"

Authorized Test Report Clerk

*Cynthia Simon*

Date: 1/06/16

These commodities have been exported from the United States in accordance with the U.S. export control laws, export administrations regulations. Diversion contrary to U.S. law prohibited.

*Sp/16-01-12*

1  
**THANK YOU FOR THIS ORDER**

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# Certified Inspection Report

Alcoa Forgings and Extrusions  
Lafayette Operations  
3131 East Main Street  
Lafayette, IN 47905-7500



Alcoa, Inc.

Invoice To Customer  
TW METALS INC  
THE ARBORETUM SUITE 204  
760 CONSTITUTION DR  
EXTON, PA - 19341

Ship To Customer  
TW METALS INC  
235 W. TUBEWAY  
CAROL STREAM, IL - 60188

Sales Order Number	Line No.	Customer P/O	Cert Number	Page
1000542017	17.1	49340533-001 / ITEM 44129	AEP1706378	1/2
			24-NOV-15	Cert Print Date

Quantity Shipped	Date Shipped	Item No.	Item Description
731	24-NOV-15		Drawn Tube OD X WALL 1.500 OD x 0.125 WALL
B/L			144 IN LN
2268030		G03346582	6861 / T6
Delivery ID		Item No. Rev	W/F 0.635
10437668			Marking CONTINUOUS; Oiling NO
Customer Part No			AMS4082 REV P
			AMS-WW-T-700/6 REV B
			ASTM B210 REV 12
			CP49-7.4.2-005 REV 8
			WW-T-700/6 REV F, AM2, NOT1
			AS9100 REV C
			MMS1440 REV A

## Notes

The material for this order was melted and manufactured in USA.  
COMPOSITION NOTE: The values for 'Others Each' and 'Others Total' have met the limits as shown on this certified inspection report. Remainder is Aluminum.

## Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

## Signature And Title

*Melissa Griffith*

Melissa Griffith  
Quality Control Manager

24-NOV-15

## Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Gross Weight	Net Weight
G17-PKG753418	22654135	18	PCS	148	137
G17-PKG753419	22654135	19	PCS	156	145
G17-PKG758640	22688603	23	PCS	186	175
G17-PKG758644	22688603	36	PCS	288	274

## Composition Limits

Alloy	Wt %	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6061	Min	0.40	---	0.15	---	0.8	0.04	---	---
	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15

## Others Total

Alloy	Wt %	Others Each
6061	Min	---
	Max	0.05

## Composition Results

Heat / Cast / Lot Number	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
7802-L03	0.6	0.20	0.26	0.04	0.9	0.05	0.07	0.02
7832-L07	0.6	0.25	0.26	0.04	1.0	0.06	0.06	0.02



DAS  
14  
9-89  
16/01/13

# Certified Inspection Report

Sales Order Number	Customer P/O	Cert Number	Page
1000542017	49340533-001 / ITEM 44129	AEP1706378	2/2
Line No.	17.1	24-NOV-15	Cert Print Date

## Composition Results

Heat / Cast / Lot Number	Others Each	Others Total
7802-L03	--	--
7832-L07	--	--

## Mechanical Property - Test Results

Test Type	UTS - L	TYS - L	EL 4D-Long
UOM	KSI	KSI	PCT
# of Tests			
Piece / Test ID			
1-F	Results	Results	Results
1-F	47.8	44.1	21.1
	43.7	40.1	21.6

## Other - Test Limits

Test Type	UTS - L	TYS - L	EL 4D-Long
UOM	KSI	KSI	PCT
# of Tests			
Lot Number			
SPEC LIMITS			
Min			
Max			

## Other - Test Results

Test Type	UTS - L	TYS - L	EL 4D-Long
UOM	KSI	KSI	PCT
# of Tests			
Lot Number			
22654135			
22688603			

## Cert Notes

Made in USA  
 The test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate.  
 The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6  
DATE: 16/01/13

PO / BATCH NO: 30871/133966

MATERIAL CERT REC'D: yes  
QUANTITY RECEIVED: 108'  
QUANTITY INSPECTED: 108'  
QUANTITY REJECTED: \_\_\_\_\_

THICKNESS ORDERED: T 1.50X .125W  
THICKNESS RECEIVED: T 1.50X .120W  
SHEET SIZE ORDERED: \_\_\_\_\_  
SHEET SIZE RECEIVED: \_\_\_\_\_

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW				
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D
SIZE OF TEST SAMPLE				
HARDNESS / DUROMETER READING				

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>14</u> DATE: <u>16/01/13</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO30871**

Purchase Order Date 1/5/2016

PO Print Date 1/5/2016

Page Number 1 of 2

**Order From :**

VU-TWM001

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**E-MAILED**

JAN 05 2016

**Contact Name**

**Vendor Phone** 585 768 5600

**Ship To Contact**

**Ship To Phone**

**Ship Via:** YRC COLLECT

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6T1.500W.125	6061T6 RD TUBE 1.50 X .125W	1/12/2016 Yes 1/12/2016		108.00 f	\$6.40	\$691.20
MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241							
<b>Line Total:</b>							<b>\$691.20</b>
2	71401-45	PROCUREMENT QUALITY CLAUSES	1/12/2016 No 1/12/2016		1.00	\$0.00	\$0.00
Procurement Quality Clauses A005 right of entry A012 chemical and physical test report A016 personnel qualification A017 raw material identification A026 certification of material conformance A041 quality management system A042 dart notification by supplier A043 retention of quality documents							

**Note:**

1/5/2016



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO30871**

Purchase Order Date 1/5/2016

PO Print Date 1/5/2016

Page Number 2 of 2

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**Order From :**

VU-TWM001

TW METALS  
PO BOX 933014  
ALTANTA, GA 31193-3014  
US

**Ship To :** DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

---

**Contact Name**

**Vendor Phone** 585 768 5600

**Ship To Contact**

**Ship To Phone**

**Ship Via:** YRC COLLECT

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #** 10127-2607

**Terms** Net 30

**Currency** USD

**FOB** FCA – (Free Carrier)

**Line Total:** \$0.00

**PO Total:** \$691.20

CL

**Note:** Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**Change Nbr:** 1

**Change Date:** 1/5/2016